

ACRONYMS AND ABBREVIATIONS

AAE	arms, ammunition, and explosives
AAR	after action report
AC	hydrogen cyanide
ADCAP	advanced capability
ADUSD (ESOH)	Assistant Deputy Under Secretary of Defense (Environment, Safety and Occupational Health)
AE	ammunition and explosives
AEL	airborne exposure limit
AFM	Air Force manual
AFR	Air Force regulation
AFRPL	Air Force Rocket Propulsion Laboratory
AGM	aboveground magazine
AGS	aboveground structure/site
AGS (H)	AGS, heavy wall
AGS (H/R)	AGS, heavy wall and roof
AGS (L)	AGS, light
<i>AIT</i>	<i>automatic identification technology</i>
ANFO	ammonium nitrate/fuel oil
APZ	accident potential zone
AR	Army regulation
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
ASU	ammunition storage unit
B	barricaded
BATF	Bureau of Alcohol, Tobacco and Firearms
BEM	buried explosion module
BIP	blow-in-place
BLAHA	basic load ammunition holding area
BLSA	basic load storage area
BTTN	butane-trio-trinitrate
CA	chemical agent
CAD	cartridge activated device
CAIS	chemical agent identification set
CALA	combat aircraft loading area
CAPA	combat aircraft parking area
CBU	cluster bomb unit
CCI	controlled, cryptographic item
CE	conditional exemption
CFR	Code of Federal Regulations
CG	carbonyl dichloride (also known as phosgene), <i>compatibility group</i>
CIC	commercial intermodal container

CK	cyanogen chloride
CoE	Corps of Engineers
CONUS	Continental United States
CRDEC	Chemical Research Development and Engineering Center
CSS	chemical safety submission
CTF	chlorine trifluoride
CWM	chemical warfare material
CZ	clear zone
DDESB	Department of Defense Explosives Safety Board
DERP	Defense Environmental Restoration Program
DEGDN	diethyleneglycoldinatrane
DLAR	Defense Logistics Agency regulation
DMM	discarded military munition
DoD	Department of Defense
DoDAC	Department of Defense ammunition code
DoE	Department of Energy
DoT	Department of Transportation
DPE	demilitarization protective ensemble
DUSD(I&E)	Deputy Under Secretary of Defense (Installations and Environment)
E3	electromagnetic environmental effects
EC	engineering control
ECM	earth-covered magazine
EE/CA	engineering evaluation/cost analysis
EED	electro-explosive device
<i>E_f</i>	<i>expected number of fatalities</i>
EID	electrically initiated device
EIDS	extremely insensitive detonating substance
ELCG	energetic liquid compatibility group
EMC	electromagnetic compatibility
EMCON	emission control
EME	electromagnetic environment
EMI	electromagnetic interference
EMP	electromagnetic pulse
EMR	electromagnetic radiation
EMV	electromagnetic vulnerability
EOD	explosive ordnance disposal
EP	electronic protection
EPA	Environmental Protection Agency
EPCRA	Emergency Planning Community Right-To-Know Act
EQN	equation
ES	exposed site
ESM	explosives safety management
ESS	explosives safety submission
ESQD	explosives safety quantity distance

F	front
FAA	Federal Aviation Administration
FAE	fuel-air explosive
FARP	forward arming and refueling point
FB	front barricaded
FSC	Federal supply class
FU	front unbarricaded
FUDS	formerly used defense site
GA	dimethylaminoethoxy-cyanophosphine oxide (common name is tabun) (nerve agent)
GB	isopropyl methylphosphonofluoridate (common name is sarin) (nerve agent)
GD	pinacolyl methylphosphonofluoridate (common name is soman) (nerve agent)
GF	o-cyclohexyl methylphosphonofluoridate (common name is cyclosarin) (nerve agent)
GIS	geographic information system
GP	general purpose
GSA	General Services Administration
H	heavy wall
HAN	hydroxyl ammonium nitrate
HAS	hardened aircraft shelter
HBESL	health-based environmental screening level
HC	hexachlorethane
HD	Hazard Division
HDD	hazardous debris distance
HE	high explosive
HERF	hazards of electromagnetic radiation to fuel
HERO	hazards of electromagnetic radiation to ordnance
HERP	hazards of electromagnetic radiation to personnel
HEW	high explosive weight
HFD	hazardous fragment distance
H/HD	2,2' dichlorodiethyl sulfide (common name is distilled mustard) (blister agent)
H/HT	60% HD and 40% 2,2' dichloroethylthiodiethyl ether (common name is mustard-T mixture) (blister agent)
HMX	cyclotetramethylene-tetranitramine (also known as octogen)
HPM	high performance magazine
H/R	heavy wall/roof
HWCL	hazardous waste control limit
IAW	in accordance with
IBD	inhabited building distance

IHC	interim hazard classification
IHF	interim holding facility
ILD	intraline distance
IMD	intermagazine distance
IMO	International Maritime Organization
IR	infra-red
IRFNA	inhibited red fuming nitric acid
ISO	International Standardization Organization
JHCS	Joint Hazard Classification System
JOERAD	Joint Spectrum Center Ordnance Electromagnetic Environmental Effects Risk Assessment Database
JTF	Joint Task Force
JP	jet propellant
kPa	kilopascal
kV	kilovolt
L	light
L	dichloro (2-chlorovinyl) arsine (common name is lewisite) (blister agent)
LEPC	Local Emergency Planning Committee
LPS	lightning protection system
LUC	land use control
MC	munitions constituent
MCE	maximum credible event
MCO	Marine Corps Order
<i>MDAS</i>	<i>material documented as safe</i>
<i>MDEH</i>	<i>material documented as an explosive hazard</i>
MEC	munitions and explosives of concern
MFD	maximum fragment distance
MGFD	munition with the greatest fragmentation distance
MIL-HDBK	Military Handbook
MIL-STD	Military Standard
MILVAN	military van
MK	mark
MMH	monomethylhydrazine
MMRP	Military Munitions Response Program
MON	mixed oxides of nitrogen
MOOTW	military operations other than war
MPPEH	material potentially presenting an explosive hazard
MPS	maritime prepositioning ship
MR	munitions rule
MRA	munitions response area
MRC	multiple round container

MRS	munitions response site
MSD	minimum separation distance
MWD	military working dog
MWR	morale, welfare, and recreation
NAVFAC	Naval Facilities Engineering Command
NALC	Navy Ammunition Logistic Code
NATO	North Atlantic Treaty Organization
NAVSEAINST	Naval Sea Systems Command Instruction
NDAI	no DoD action indicated
NEC	National Electrical Code
NEQ	net explosive quantity
NEW	net explosive weight
NEWQD	net explosive weight for quantity-distance
NFPA	National Fire Protection Association
NG	nitroglycerin
NIN	National Identification Number
NIOSH	National Institute of Occupational Safety and Health
NOFA	no further action
NP	napalm
NPW	net propellant weight
N/R	not required
NSN	National Stock Number
OB	open burning
OD	open detonation
OPNAVINST	Chief of Naval Operations Instruction
OSHA	Occupational Safety and Health Administration
PAD	propellant actuated device
PAED	public access exclusion distance
PBAN	polybutadiene-acrylic acid-acrylonitrile
PES	potential explosion site
PETN	pentaerythritol tetranitrate
<i>P_f</i>	<i>probability of fatality</i>
PINS	portable isotopic neutron spectroscopy
POL	petroleum, oils, lubricants
POV	privately owned vehicle
PPE	personnel protective equipment
PTR	public traffic route
PTRD	public traffic route distance
PWP	plasticized white phosphorus
QA/QC	quality assurance and quality control
QD	quantity-distance
<i>QRA</i>	<i>quantitative risk assessment</i>

R	rear
RCRA	Resource Conservation and Recovery Act
RCS	report control symbol
RCWM	recovered CWM
RDT&E	research, development, test, and evaluation
RDX	cyclotrimethylenetrinitramine (also known as cyclonite, hexogen, or royal demolition explosive)
RF	radio frequency
RI/FS	remedial investigation/feasibility study
<i>RORO</i>	<i>roll-on/roll-off</i>
RP	rocket propellant
RSP	render safe procedure
S	side
<i>SAFER[®]</i>	<i>Safety Assessment for Explosives Risk</i>
SCBA	self-contained breathing apparatus
SD	sympathetic detonation
SDW	substantial dividing wall
SG	sensitivity group
SOP	standard operating procedure
STEL	short-term exposure limit
TAPES	toxicologic agent protective ensemble, self-contained
TB	technical bulletin
TCRA	time critical removal action
TEA	triethyl aluminum
TEGDN	triethylene glycol dinitrate
TM	technical manual
TMETN	trimethylolethane trinitrate
TNT	trinitrotoluene
TO	technical order
TP	technical paper
TPA	thickened TEA
TR	technical report
TSD	team separation distance
TSDF	treatment storage disposal facility
TWA	time-weighted average
U	unbarricaded
UDMH	unsymmetrical dimethylhydrazine
UN	United Nations
U.S.	United States
USCG	U.S. Coast Guard
UXO	unexploded ordnance

VX	0-ethyl S-[2-(diisopropylamino) Ethyl] Methylphosphonothioate (nerve agent)
WP	white phosphorus
WPL	worker protection limit